

AMENDMENTS TO THE CLAIMS:

This Listing of Claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1-18. (Canceled)

19. (Currently amended) A method for ~~regenerating denox catalyst having an the regeneration of denox catalysts with an elevated SO₂/SO₃ conversion rate by the~~ accumulation of iron compounds thereon, comprising the steps of:

treating the denox catalyst with a substantially aqueous acidic solution with an addition of at least one antioxidant, wherein at least one inorganic or organic ~~acids are~~ acid is ~~used as acid which are to confer acidity and the~~ at least one acid is selected from the group consisting of H₂SO₄, HCl, H₃PO₄, HNO₃, oxalic acid, citric acid, malonic acid, formic acid, chloroacetic ~~acids~~ acid, benzoic and benzenesulfonic acid or mixtures of these acids, and wherein the at least one antioxidant is selected from the group consisting of substituted phenols, hydroquinones, catechols, ~~and/or~~ aliphatic mercapto compounds, araliphatic mercapto compounds, ~~or~~ aromatic mercapto compounds, dithiocarbonates, hydroxycarboxylic acids, enediols, ~~and/or~~ phosphites, and phosphonates, including salts, esters and metal complexes ~~thereof, under such conditions that regeneration of and~~

removing at least a portion of the iron compounds accumulated on the denox catalysts is effected catalyst so as to regenerate the denox catalyst.

20. (Currently amended) The method according to claim 19, ~~characterized in that~~ wherein the aqueous acidic solution has a pH of 0.5 to 4.0.

21. (Currently amended) The method according to claim 19, ~~characterized in that~~ wherein the aqueous acidic solution contains at least one enediol selected from the group consisting of ascorbic acid ~~and/or~~ and isoascorbic acid ~~is/are used.~~

22. (Currently amended) The method according to claim 19, ~~characterized in that wherein the aqueous acidic solution contains at least one anionic, cationic, amphoteric, non-ionic or zwitterionic surfactants are additionally used~~ surfactant.

23. (Currently amended) The method according to claim 19, ~~characterized in that wherein~~ the antioxidant content is 0.2 to 2.0 wt. %.

[[23]]24. (Currently amended) The method according to claim 19, ~~characterized in that the treatment takes place in the reaction solution consisting of acid and antioxidants at temperatures wherein treatment is at a temperature of~~ from [[the]] ambient temperature to 100°C.

[[24]]25. (Currently amended) The method according to claim 19, ~~which comprises the further step of further comprising moving the catalyst, in the reaction solution during the exposure time and/or maintaining the reaction solution, in movement or both, during treating.~~

[[25]]26. (Currently amended) The method according to ~~claim 24~~ claim 25, ~~characterized in that the wherein the catalyst is moved by lifting, and/or the reaction solution is maintained in movement moved by agitation or recirculation, or both the catalyst and solution are moved by lifting and agitation or recirculation, respectively.~~

[[26]]27. (Currently amended) The method according to claim 19, ~~which further comprises the step of further comprising~~ treating the catalyst with an ultrasonic treatment or treating the catalyst with low-frequency oscillations in the ~~reaction solution~~ or both.

[[27]]28. (Currently amended) The method according to ~~claim 26~~ claim 27, wherein the catalyst is treated with a low-frequency oscillation in a range from approximately 20 to 1000 Hz or ultrasound in a range from 10,000 to 100,000 Hz ~~is used~~.

[[28]]29. (Currently amended) The method according to ~~claim 26~~ claim 27, wherein the ~~primary~~ treatment with ~~reaction~~ solution and the ultrasonic treatment are carried out successively in separate basins.

[[29]]30. (Currently amended) The method according to claim 19, ~~which comprises the further step of~~ further comprising subjecting the catalyst to a mechanical pretreatment so as to remove fine dust, ~~and/or~~ subjecting the catalyst to a pretreatment with water, or both.

[[30]]31. (Currently amended) The method according to claim 19, ~~which comprises the further step~~ further comprising, after the treatment with ~~reaction~~ solution, ~~[[of]]~~ washing the catalyst with water, and drying the catalyst.

[[31]]32. (Currently amended) The method according to ~~claim 30~~ claim 31, ~~which comprises the further step~~ further comprising, after drying, ~~of~~ re-impregnating ~~[[the]]~~ activator elements ~~with water-soluble compounds~~ into the denox catalyst.